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Shalini Chouhan
Software Engineer

LinkedIn Profile
Github Profile
Portfolio

EXPERIENCE

AMEX SMART Team- Impetus Technologies (India) Pvt. Ltd   **July 2021— Present**
- Analyzed requirement by participating in design reviews with peers and stakeholders.
- Transformed RDD code into Spark SQL code based on Product Owner's requirements.
- Optimized code for metrics with 100K+ data records, resulting in up to 80% reduction in processing time.
- Improved code using SonarLint, adhering to best practices such as style guidelines, accuracy, testability, and efficiency.
- Updated documentation and educational content based on user feedback and program updates.
- Performed JUnit testing to debug/track/resolve system issues/errors by analyzing the sources of issues and the impact on hardware, network, or service operations and quality.

PROJECTS

Self Managed Analytics Reporting Tool   **May 2022 — Present**
- Technologies: Java 8, Spring-Batch, Spring Boot, Spark-SQL, Scala, HBase.
- SMART is a business intelligence reporting tool that provides standardized reporting and analytics through an easy to access, self service interface.

Click Stream Analysis   **Dec 2021 — Apr 2022**
- Technologies: Hadoop, Hive, Spark, Zeppelin.
- An efficient system to analyze large amounts of data on click by implementing various MapReduce, Hive and Spark jobs, resulting in 60% improvement in data processing speed.

Insurance Application (Role-Team Lead)   **July 2021 — Dec 2021**
- Technologies: Java, Angular, MySQL, Spring JPA, Spring Boot and RESTful web services.
- This app offers life, dental, and vision insurance for individuals and families, and allows users to sign up, log in, search policies, and perform CRUD operations.
- Implemented Java best practices, including JavaDocs, Naming Conventions, Logging, Exception Handling, and JUnit Testing.
- Led a team of three and guided the team members during the project development.

EDUCATION

B.Tech, Computer Science: Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore, 8.25 CGPA   **July 2017—Jun 2021**
Higher Secondary: St. Paul's Convent School, Ujjain, 82%   **Apr 2016—Apr 2017**
High School: St. Paul's Convent School, Ujjain, 9.0 CGPA   **Apr 2014 —Apr 2015**

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Scala
Frameworks: SpringBoot, Hibernate, Spark (Spark SQL)
Operating System: Windows, Linux
Databases: MySQL, MongoDB, HBase
IDE/Tools: IntelliJ IDEA, Microsoft Visual Studio, Eclipse, STS, Postman, MySQL Workbench
Others: Big Data Technologies, Data Structures and Algorithms, Git, OOPS, RESTful Web Services, GCP.

CERTIFICATIONS

- Google Cloud Certified Associate Cloud Engineer   **May 2023**
- Coursera (University of Michigan) Programming with Python   **Apr-Jun 2020**
- NPTEL (IIT Kharapur) certification in Problem Solving through C   **Jan-Apr 2019**
- NPTEL (IIT Kharapur) Basics of Machine Learning (Elite-Silver Badge)   **Jul-Sept 2019**

POSITION OF RESPONSIBILITY

- Co-Founder of Technical Role-play event, TechSrijan.
- Pledged as Cultural Minister for school cabinet.

INTERESTS

Volunteering, Cycling, Reading, and Travelling.